

THE DIFFICULTIES IN THE PRODUCTION OF THE
SSH-75 SELF PROPELLED CHASSIS, BY L. VORONOV,
M. DEYNEKO, ET AL, 6 PP.

RUSSIAN, NP, IZVESTIYA, 14 OCT 1962,.

JPRS 16593

USSR
ECON
DEC 62

218,329

FUD (TURIF) 25-11-34

11-11-34

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BT64-1-1653 T

Spirocyclic orthosilic acid esters

M.G. Voronkov, I. Romadane, I. Maysika

Ger per: ~~Zeitschrift für allgemeine Chemie~~, vol 3, no 7,
1948, 252-253*In process**HT-23-599-69**Negative
27 Nov 68*

Use of Organosilicon Compounds for Water-Repellent Treatment of Heat-Insulating Materials made from Expanded Perlite. Communication XI in the series on Water-Repellent Treatment of Materials by Organosilicon compounds, by E. A. Lasskaya and M. G. Voronkov, 7 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXIV, No 3, 1962, pp 612-617.

CB

Sci

233 9 96

Jan 63

Organosilicon Esters of Methylphosphonic Acid, by
N. F. Orlov and M. G. Voronkov, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXII, No 2,
1962, pp 608-611.

CB

Sci

Feb 63

234,025

Vibrational Spectra of Alkoxysilanes and Siloxanes,
III. Vibrations of Silicon-Oxygen Chains in the
Spectra of Polyalkoxysiloxanes, by A. N. Lazarev,
M. G. Voronkov, 4 pp

RUSSIAN, per, Optika i Spektro, Vol VIII, No 5,
1960, pp 606-613

CSA

Sci
May 61

150,701

Influence of the Nature of Organic Sulfur
Compounds in Oil on Running-In and Initial
Wear of Metallic Friction Surfaces, by
M. G. Voronkov, G. P. Sharonov, 7 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXIV,
No 7, 1961, pp 1562-1568.

CB

Sci

195,877

May 62

The Problem of Determination of the Direction
of the Mesomeric Effect of Substituents by the
Sutton Rule, by M. G. Voronkov, 3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 9, 1961, pp 1688-1690.

CB

Sci

202,830

Jul 6 2

Water-Repellent Treatment of Cellulosic Materials
by Organosilicon Compounds, by M. G. Voronkov,
N. V. Kalugin, 4 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXII, No 7,
1959, pp 1581-1585.

CB

Sci

122,392

Aug 60

Investigations in the Field of Alkoxysilanes.
XIII. The Reaction of Siloxanes with Alkoxysilanes. A New Method of Synthesizing Alkoxysilanes and Siloxanes, by M. G. Voronkov, 8 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 3, 1959, pp 907-914.

Consultants Bureau

Sci

Apr 60

115,255

61-10164

Voronkov, M. G. and Losev, V. B.
CHEMISTRY AND THE PRACTICAL APPLICATION
OF SILICON-ORGANIC COMPOUNDS (AT L-UNION
CONFERENCE IN LENINGRAD, 25-27 SEP [58]
SCIENTIFIC SESSIONS, CONFERENCES AND MEET-
INGS). [1960] 8p.
Order from LC or SLA mi\$1.80, ph\$1.80 61-10164

Trans. of Akad[emiya] Nauk SSSR. Vestnik, 1958,
v. 28, no. 12, p. 97-100.
Another translation is available from LC or SLA
mi\$1.80, ph\$1.80 as 60-13661, DSIR LLU M.854
[1960] 4p.

(Chemistry--Organic, TT, v. 5, no. 4)

1. Silicon compounds
(Organic)--Chemical
properties
 2. Silicon compounds
(Organic)--Applications
- I. Voronkov, M. G.
 - II. Losev, V. B.

Office of Technical Services

New Organosilicontitanium Compounds: Halo(Tri-alkylsiloxy)Titaniums, by B. N. Dolgov, N. F. Orlov, M. G. Voronkov, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 8, 1959, pp 1408-1411.

CB

Sci -
May 61

152,760

The Reaction of Dialkyl Phosphonates with
Quinones, by M. G. Voronkov.

RUSSIAN, rpt, Khimiya i Primeneniye Fosfor-
organicheskikh Soedineniy, ~~1958~~ 1959,
pp 203-206.

26 Nov - 1 Dec

ATS RJ-3998

Sci-Chem
Dec 63

244, 922

Studies of the Alkoxysilanes, XVI. The Reaction of
Tetraalkoxysilanes with Ketones, by M. G. Voronkov,
S. M. Rebkina, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No 4, 1961.
pp. 1259 - 1265

CB

196,703

Sci
Apr 62

Waterproofing of Paper by Alkyl Acetoxysilanes,
and Siloxanes, by M. G. Voronkov, V. F. Davydova,
N. P. Grishanina, 7 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXII, No 5,
1959, pp 1106-1111.

Consultants Bureau

Sci

Jun 60

117,605

Cleavage of Siloxanes With Halosilanes; New Method
of Synthesizing Organosiloxanes, by M. G. Voronkov,
L. M. Chudesova, 7 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 5,
1959, pp 1534-1540.

Consultants Bureau

Sci

Jul 60

120,454

Investigations in the Field of Alkoxysilanes XIV.
Cleavage of Organosiloxanes by Alcohols as a Method
of Synthesizing Organoalkoxysilanes, by M. G.
Voronkov, Z. I. Shabarova, 7 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 5,
1959, pp 1528-1533.

Consultants Bureau

Sci

Jul 60

120,453

On the Reactions of Alkyldichlorosilanes with
Chlorinated Hydrocarbons, by S. N. Dorogov,
M. G. Veronkov, B. N. Dolgov, 5 pp

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No
12, 1958, pp 3292-3296

Consultants Bureau

Sci

Feb 60

108,996

All-Union Conference on the Chemistry and Practical
Application of Organosilicon Compounds, by M. G.
Voronkov, 3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 2, 1959, pp 370.

Consultants Bureau

Sci - Chem

Apr 60

113,419

Tris(Triorganosilyl) Vanadates, by N. F. Orlov,
B. M. Dolgov, M. G. Voronkov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXII, No 2,
1958, pp 246-249.

CB

Sci - Chem
Oct 59

100,043

Investigations in the Field of Aikoxysilanes. XII.
Hexa-tertiary-butoxycyclotrisiloxane. by M. G.
Voronkov, V. P. Davydova, A. N. Lazarev, 4 pp

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 8,
1958, pp 2128-2131.

CB

Sci - Chem
Oct 59

99,076

Alkoxysilanes. Communication 10. New Method
of Synthesizing Cyclic Esters of
Dialkylsilanediols and of Orthosilicic Acid,
by M. G. Voronkov, V. P. Davydova, B. N.
Dolgov, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 6, 1958, pp 698-701.

Consultants Bureau

Sci

Apr 60

112, 247

The Thermal Addition of Trichlorosilane to Diolefin
Hydrocarbons, by M. G. Voronkov, M. G. Romazova,
6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 8,
1958, pp 2122-2127.

CB

Sci - Chem
Oct 59

99,075

Use of Polyorganosiloxanols for Increasing the
Water Resistance of Building Materials, by M. G.
Voronkov, B. R. Dolgov, Z. I. Shabarova, 7 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXX, No 8,
Aug 1957, pp 1221-1227.

Consultants Bureau

Sci - Chem

Oct 58

75,692

of
Studies in the Field of Alkoxysilanes. XI. Reaction
of Dialkyldiacetoxysilanes With Glycerol and
Pentaerythritol, by V. P. Davydova, M. G. Voronkov,
by 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 7,
1958, pp 1879-1881.

Consultants Bur

Sci - Chem
Sep 59

96,873

Water-Repellent Impregnation of Cotton Fabrics by
Organosilicon Compounds, by N. V. Kalugin, M. G.
Voronkov, 6 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXI, No 9, 1958,
pp 1390-1396.

Consultants Bureau

Sci - Chem

Sept 59

97,442

Concerning Certain Questions of Russian
Nomenclature in Silico-Organic Chemistry.
A Discussion, by M. G. Voronkov, 2 pp.

Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIII,
No 12, 1953, pp 2074. CIA D 151308.

Consultants Bureau

Scientific - chemistry
May 55 GTS

23,333

Destructive Hydrogenation of Tetraethylsilane, by
M. G. Voronkov, B. N. Dolgov, G. B. Karpenko, 3 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIV, No 2,
USSR, Feb 1954, pp ~~269-271~~. CIA D 151278
269-271.

Consultants Bureau

Scientific - Chemistry

CTS 67/Apr 55

22,910

Rhodano-Substituted (Isothiocyanate-Substituted)
Silanes, by M. G. Voronkov, B. N. Dolgov, 4 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIV, No 6,
Jun 1954, pp 1082-1086. 6IA C 40406

Consultants Bureau

Scientific - Chemistry

Jan 56 CTS/DEX

30,201

Search on the Reaction of Sulfur With Unsaturated
Compounds. V. Action of Sulfur on Monosubstituted
Aromatic Hydrocarbons, by A. S. Brown, H. G. Vozonkov,
M. V. Koshkova.

IZVestiya, per, Zhur Gubch Khim, Vol 121, No 4, 1950 (Apr),
773-774.

Consultants Bureau

Chemical - Chemistry

16,660

The Reaction of Hexaalkyldisiloxanes With Aluminum Halides. A New Method of Synthesis of Trialkylhalosilanes, by N. G. Voronkov et al.

Full translation.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXXIV, No 5, 1952, pp 959-961.

Assoc Tech Sv Tr RJ-96

Scientific - Chemistry

Mar 53 CTS

\$5.25 (\$0.85)

VORONKOV, M. G.

GOLSHTEIN, P. L.

A Study of the Reaction of Sulfur With Unsaturated Compounds. VI. The Synthesis of Isomeric α -Phenylthiotolenes.

The Journal of General Chemistry of the USSR,
Vol XX, No 7, Jul 1950, pp 1263 - 1269 (Russ p 1218).

Consultants Bureau
New York

USSR

A 3376

VORONKOV, M. G., and DOLGOV, B. N.

A Method of Synthesizing Esters of Orthosilicic Acid

Zhur Prikl Khim SSSR, Vol XXIV, No 1, 1951

Consultants Bureau Translation avail. FDD Lib.

A1768

Sci/Chem

C

Research on the Reaction of Sulfur With Unsaturated Compounds. III. Synthesis of Alpha-Phenylthiophene, by M. G. Voronkov, A. S. Froun, G. B. Karpenko, E. L. Golshtein, 9 pp.

RUSSIAN, no per, Zhur Onshch Kalm, Vol XIX, No 7, Jul 1949.

CIA/PDD/X-362

16,659

Sep etc

VORONOKOV, M. G., Chair of Org Chem, University of Leningrad

Addition of Aliphatic Monocarboxylic Acids to Vinyl Alkyl Ethers. Synthesis of Alkoxyethylidenecarboxylic Esters

Zhur Obshch Khim, Vol XIX, No 2, 1949 (Feb), pp 255-259

Consultants Bureau Translation

A12822

Hexalkyldisilanes, by M. G. Voronkov, and
Yu. I. Khudobin, 6 pp.

Full tr

RUSSIAN, no par, Zhur Obshch Khim, Vol XXVI, No 2,
1956, pp 584-588. CIA 9007073m C, Reel No 64

Consultants Bureau

Sci - Chemistry
Dec 56 CTS

41, 731

VORONKOV, M.G.

The reactions of sulfur with unsaturated compounds. IV.
Phenyl-substituted 1, 1-dithiol-3-thiones. Russ per
Zhur Obshch Khim Vol XIX, No 10, 1949

FDB X-218

A12823

The Condensation of Alkyl Vinyl Ethers with Amides
of Monocarboxylic Acids. A New Method of Synthesi-
zing Ethylidenediacylamides, by M. G. Voronkov, 6 pp

RUSSIAN mo per Zhur Obshch Khim Vol XXI No 8
USSR No 8 Aug 1951 pp 1494-1499

Consultants Bureau Vol 21 No 8

A 12824

Investigation^s in the Field of Alkoxyasilanes.
VIII. (Alkyl)(aryl)acetoxysilanes and their
Reactions with Aliphatic Alcohols, by D. N. Dol-
gov, V. F. Davydova and M. G. Vorenkov, 7 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No
6, 1957, pp 1593-1599.

Consultants Bureau

Sci - Chem

Seq 58

72, 934

Eris (Triorganosilyl) Phosphates,
by N. F. Orlov, M. G. Voronkov, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 7, 1960,
pp 2223-2228.

CB

567
166, 305

Sci

Aug 61

~~Stilberphosphat~~ ~~Phosphat~~ ~~of~~ ~~Phosphat~~
New Synthesis Methods for Tris(Trialkylsilyl)
Phosphates, by M. G. Voronkov and V. N. Zgonnik,
4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol. XXVII, No
6, 1957, pp 1483-1486.

Consultants Bureau

Sci - Chem)

Sep 58

72, 9/8

Investigations in the Field of Alkoxysilanes.
XV. The Cleavage of Hexaalkyldisiloxanes by
Phenols. A New Method of Synthesis of Trialkylsiloxy Derivatives of Aromatic Hydrocarbons,
by A. G. Voronkov, Z. I. Shabarova, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 8,
1960, pp 1955-1957.

CB

Sci
Aug 61

162,579

Silico-Organic Derivatives of Boric Acid - Tri-
(Trialkylsilyl)borates and Polybororganosiloxanes.
by M. G. Voronkov and V. N. Zgonnik, 3 pp. AA

RUSSIAN, per, Zhur Obshch Khim, Vol LXXVII, No
6, 1957, pp 1476-1482.

Consultants Bureau

Sci - Chem

Sep 58

72,909

Reaction of Triethylsilane with Alkyl Halides, by
B. N. Dylgov, S. N. Borisov, M. G. Voronkov, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 3, 1957,
pp 716-719.

Consultants Bureau

Sci - Chem
Aug 58

69, 163

The Catalytic Transformations of Alkyldichlorosilanes
and Dialkylchlorosilanes in the Presence of Aluminum
Chloride, by B. N. Dolgov, M. G. Voronkov, S. N.
Borisov, 8 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 3, 1957,
pp 709-715.

Consultants Bureau

Sci • Chem
Aug 58

69, 162

Isomeric Silapentanes and New Ways of Synthesizing
Them, by S. N. Borisov, M. G. Voronkov, B. N. Dolgov,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol ^XCIV, No 1, ¹⁹⁵⁷pp
93-96.

Consultants Bureau

Sci - Chem

Aug 58

69, 140

Investigations in the Field of Alkoxyasilanes.
VII. The Reaction of Tetraacetoxysilane with
Alcohols. The Synthesis of Tetraalkoxy- and
Alkoxyacetoxysilanes, by B. N. Dolgov, V. P.
Davydova, M. G. Voronkov, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 4,
1957, pp 921-925.

Consultants Bureau

Sci - Chem
Aug 58

69, 227

74h) Disproportionation of Trialkylsilanes, by S.M.
Borisov, M.G. Voronkov, B.N. Dolgov, 3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel khim Nauk,
No 11, 1957, pp 1396-1398

Consultants Bureau

Sci - Chem

May 59

87,007

Investigations of Alkoxysilanes 9.8-Fluorosthoxysilanes
by HG. Voronkov, B.N. Dolgov, 42 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 9, 1957, pp 1128-

Consultants Bureau

Sci - Chem

May 59

87,194

Bis-(trialkylsilyl) Phosphonates, by M.G. Voronkov,
V.A. Kolesova, V.R. Zgonnik, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 11, 1957, pp 1363-1367

Consultants Bureau

Sci - Chem

May 59

87,001

The Reaction of Alkylhalosilanes With Trialkylsilanes,
by E. M. Dolgov, S. M. Borisov, M. G. Voronkov, 5 pp

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 10,
1957, pp 2692-2696.

Consultants Bureau

Sci - Chem
Jan 59

78,957

Insecto-Fungicidal Action of Organic, Silicoorganic,
and Inorganic Isothiocyanates, by M. Ya. Marova, M. G.
Veronkov and B. N. Dolgov, 5 pp.

RUSSIAN, per, Zhur Prii Khim, Vol XXX, No 4, 1957,
pp 650-652.

Sci

Aug 58

ATZ 99J16R
Assoc Tech
Serv

71,096

Reaction of Hexaalkyldisiloxanes With Iodine and
Aluminum, by M. G. Voronkov, Yu. I. Khudobin, 2 pp.

RUSSIAN, no per, Iz Ak Nauk, Otdel Khim Nauk, No 6,
1956, pp 713-714.

Consultants Bureau

Sci - Chemistry
Feb 57 CIS

44, 125

Investigations in the Field of Alkoxysilanes. VI.
Synthesis of Tetraaroxysilanes by Transesterification
of Ethyl Silicate With Phenols, by M. G. Voronkov, and
G. B. Karpenko, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 2, 1957,
pp 325-328.

7

Consultants Bureau

Sci - Chem

Jul 58

67,215

Tetra-Text.-Butoxysilane, by M. G. Voronkov,
A. N. Lazarev, A. K. Baigozhin, 4 pp.

RUSSIAN, no per, Zhur Obshch Khim SSSR, Vol
XXVI, No 11, 1956, pp 3072-3074.

Consultants Bureau

Sci - Chem
Jul 58

67,575

ALBANY, no date, Fair Church Bldg, Vol XIV, no 6, 1955, pp 1124-1125.

4,357

10/20/2016 10:00 AM

Study of the Reaction of Trialkylsilanes with
Alcohols. Synthesis of Trialkylalkoxysilanes
and their Physical Properties, by B. N. Delgov,
N. P. Kharitonov and M. G. Voronkov, 10 pp.

Full translation.

Russian, no par, Zhur Obshch Khim, Vol XXIV,
No 7, 1954, pp 1178-1183. CIA C 41479

Consultants Bureau

Scientific - Chemistry
Apr 56 CTS/acz

32,978

Silicoorganic Esters of Phosphoric Acid - The Tris
(Trialkylsilyl) Phosphates, by M. G. Voronkov, 2 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXV, No 3,
USSR, Mar 1955, pp 469, 470. CIA C 39338

Consultants Bureau

Scientific - Chemistry
CIS 74/Nov 55

27,973

A New Method of Synthesis of Phenylthiophenes
and Their Homologues, by A. S. Breun, M. G.
Voronkov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LIX, No 7,
1948, pp 1293-1296.

Res Info Sv R.586

Sci - Chemistry
Jan 1956/CTS No 77

30,543

53 Nassau St., New York 5, N.Y.

Reaction of Trialkylsilanes With Iodine and
Hydrogen Iodide, by M. G. Voronkov, Yu. I.
Khudobin, 6 pp.

RUSSIAN, no per, Iz Ak Nauk, Otdel Khim Nauk,
No 7, 1956, pp 805-810.

Consultants Bureau

Sci - Chem
May 57

47,221

Reaction of Dialkylchlorosilanes With Aluminum
Chloride, by B. N. Dolgov, S. M. Borisov, M. G.
Voronkov, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 8,
1957, pp 2062-2066.

Consultants Bureau

Sci - Chem
Oct 58

74, 180

Water-Repellent Treatment of Leather with Organo-silicon Compounds, by E. K. Maminov and M. G. Voronkov, 3 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXI, No 6, 1957, pp974-.

Consultants Bureau

Sci - Chem

73, 933

Sep 58

Waterproofing of Materials by Organic Silicon Compounds.
II. Increasing the Stability of Natural Gypsum to Water,
by S. S. Khrustalev, M. G. Voronkov, B. N. Dolgov, 6 pp.

Full tr

RUSSIAN, no per, Zhur Prii Khim, Vol XXVIII, No 9,
1955, pp 916-921. CIA C 42516

35,766

Consultants Bureau

Scientific - Chemistry
Jun 56/dex

Use of Polymethylsiloxanes in the Waterproofing of
Paper, by N. G. Belenkaya, M. G. Voronkov, B. N. Dolgov,
20 pp.

Full tr

RUSSIAN, no per, Zhur Prik Khim, Vol XXVIII, No 8,
1955, pp 886-898. CIA C 42517

Consultants Bureau

35,762

Scientific - Chemistry
Jun 56/dex

Photochemical Chlorination of Organochlorosilanes
With Sulfuryl Chloride, by M. G. Voronkov,
V. P. Davydova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXV, No 3,
1959, pp 553-556.

Consultants Bureau

119,532

Sci

Jun 60

Synthesis of Vinyl Alkyl Ethers From Acetals and Their Properties, M. G. Voronkov.

The Journal of General Chemistry of the USSR, Vol XX, No 11, Nov 1950, pp 2131 - 2134 (Russ p 2060).

Consultants Bureau
New York

A12820

USSR

Infrared Absorption Spectrum of Triethylsilanol-d,
(C₂H₅)₃SiOD, by Ya. I. Ryakin, M. G. Voronkov,
Z. I. Snabrova, 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 6, 1959, pp 1019-1024.

CB

Sci
Jun 61

157,903

Method for Synthesis of Cyclic Acetaldehydacetals,
M. G. Voronkov, ~~И. С. Титлинова~~ E. S. Titlinova, 6 pp.

Full translation.

RUSSIAN, no per, Zhur. Obshch. Khim., Vol XXIV, No 4,
1954, pp 613-617. CIA D 151347

Consultants Bureau

Scientific - Chemistry

25,376

The Reaction of Triethylsilane with Ammonia and
Amines, by B. N. Dolgov, N. P. Kharitonov, M. G.
Voronkov, 4 pp.

Full translation.

RUSSIAN, no per, Zhur. Obshch. Khim., Vol. XXIV, No 4,
1954, pp 678-682. CIA D 151347

Consultants Bureau

Scientific - Chemistry

25, 37/

Principal Laws of the Hydrochemical Formation
of Natural Reservoirs, by P. P. Voronkov,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX,
No 3, 1959, pp 654-657.

AGI

Sci

Jun 61

154,662

Some Regularities in the Formation of the Chemical
Composition of Atmospheric Precipitation, by
P. P. Voronkov, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, 1954, Vol. XXVIII,
No 5, pp 765-768.

SLA 59-15448

Sci

Oct 59

Vol 2, No 3

77, 728

Hydrochemical Bases for Segregating Local Runoff
and a Method of Separating its Discharge Hydrograph,
by P.P. Voronkov.

RUSSIAN, per, Meteorologiya i Gidrologiya, 1963
no. 8, pp. 21-28.

AGU

P. P. Voronkov

E. Sci
Aug 66

307,800

A 30 MeV Linear Electron Accelerator Designed for
Neutron Spectroscopy, by R. M. Voronkov and M. I.
Pevzner, p. 9

RUSSIAN, per, Atom Energiya, Vol XIII, No 4, Oct
1962, pp. 327 - 336

CB

Sci

340,381

Aug 63

A 30 Mev Electron Linear Accelerator for Neutron
~~XX~~ Spectroscopy, by R. M. Voronkov, M. I. Pevzner,
et al.

RUSSIAN, rpt, 1961.

*AERE, Harwell

Sci - Phys

Jun 63

(NY-4830)

Propagation of Cold Flame in Fuel Mixtures
Containing 0.03% Carbon Disulfide, by V. G. Voronkov,
N. N. Semenov, 74 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XIII, No 12,
1939, pp 1695-1727.

Sci - Chem

Feb 61

JPRS 7502

SLA 61-21124

139,373

Gaseous Initiation with Ozone in the Oxidation
of Paraffin, by E. A. Blyumberg, V. G.
Voronkov, N. M. Emanuel', 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 1, 1959, pp 25-29.

Consultants Bureau

Sci - Chem

Apr 60

113,178

Schema de Coincidences Pour le Travail Avec Des
Impulsions a Faible Amplitude. (Coincidence
Scheme for Work With Pulses With Low Amplitude),
by V. P. Voronkov, A. M. Frolov, 8 pp.

FRENCH from RUSSIAN, per, Prihory i Tekh Eksp,
No 3, 1957, pp 40-42.

Reverse Translation
AEC/CEA-Tr-R490

Voronkova, L. D.
ELECTRICAL MODELING AND HYDRODYNAMIC
ANALYSIS OF JOINT PRODUCTION BY LAYERS
[1962] 13p. 4 refs.

Order from OTS or SLA \$1.60

63-10223

Trans. of Vsesoyuznyi Neftegazovyi Nauchno-
Issledovatel'skii Institut. Trudy (USSR) 1958, v. 12,
p. 242-251.

DESCRIPTORS: *Oils, Deposits, Motion, Liquids,
Porous materials, Partial differential equations,
*Economic geology, Model tests, *Hydraulic research.

In the present work equations of continuity of liquid
motion in communicating layers of uniform thickness
and permeability, are derived; on the basis of this de-
rivation, jointly producing layers can be modeled as a
single summary or "equivalent" layer with appropriate
hydrodynamic parameters.

(Mechanics--Hydraulics, TT, v. 10, no. 3)

63-10223

1. Title: Electrical modeling
1. Voronkova, L. D.

Office of Technical Services

Utilization of the Geobotanical Method in Lithological
Mapping of Early Alluvial Deposits, by L. P. Vorob'eva.
6 pp.

RUSSIAN, bk, Geobotanicheskiye Method pri
Geologicheskikh Issledovaniyakh, 1955, pp 34-43.

Internatl Geology Review
Amer Geological Institute
Vol. III, No 5

Sci - Geophysics

153, 681

Jun 61.

The Size of AgBr Grains as a Function of the
Concentration of the Starting Solutions, by
K. S. Lyalikov, N. M. Voronkova, 10 pp.

RUSSIAN, per, Zh Nauch i Prik Foto i Kine,
Vol VII, No 5, 1962, pp 333-340.

CIA/FDD XX-1381
NO FOREIGN DISSEM

Sci =
Jul 63
USIB Internal Use Only

236,046

The Size of AgBr Grains as a Function of the
Concentration of the Starting Solutions, by
K. S. Lyalikov, N. M. Voronkova, 10 pp.

RUSSIAN, per, Zh Nauch i Prik Foto i Kine,
Vol VII, No 5, 1962, pp 333-340.

CIA/FDD XX-1381
NO FOREIGN DISSEM

Sci =

Jul 63

USIB Internal Use Only

236,046

The Use of a Spectrophotometer for Investigating
the Spectral Intensity of Landscape Detail, by
N. M. Voronkova, K. Ye. Meleshko, 4 pp.

RUSSIAN, per, Geodez i Kartog, No 12, 1960,
pp 20-24.

AGU

Sci

Jul 62

204,158

Synthesis of 4-Hydroxy-2,2,5,5-Tetraalkyl-3-⁵
Furanidones by Reduction of 4-Isonitroso-2,2,5,4-
Tetraalkyl-3-Furanidones, by I. K. Korebitsyna,
I. G. Zhukova, V. V. Voronkova, Yu. K. Yuryov,
6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVII, No 2,
1957, pp 237-240.

Consultants Bureau

Sci - Chem
Oct 58

74,397

1
Exchange of Radioactive Phosphorus Between the
Graft and Wilding of a Hybrid Plant, by N. M.
Sisakyan, V. Ya. Voronkova, 7 pp, (PA 15178).
SECRET

RUSSIAN, thrice mo per, Dok Ak Nauk SSSR, Vol.
LXX, No 2, Moscow-Leningrad, 11 Jan 1950, pp
275 - 277.

CIA/TDD/U-1344

Scientific - Biology
Vegetative Hybridisation

May 1951 CTS

A 11186

Efficient Instrument for Tying Wire Ends, by M.
Vorono.
RUSSIAN, per, Textil'Naya Promyshlennost', Vol 18,
No 2, 1958, p 61
CSIRO/No 7554

M. Vorono

Sci -
Aug 67

336,701

Recollections -- Operation Circle, by
N. Voronov, 10 pp. FOR OFFICIAL USE ONLY

RUSSIAN, per, Voenno-Istoricheskiy Zhur,
No 6, 1962, pp 67-76.

ACSI I-2871-C
ID 2237314
519th MI Bn

USSR
Mil
Feb 64

248,416

VORONOV, N.

Zhurnal Prikladnoi Khimii, vol. 15, Nos. 1-2,
3 figures, 2 tables, 1800 words; 1942.

Influence of Columbium on Behavior of Steel in
Nitriding.

Brutcher Trans, Order No. 1155, \$3.60.

A12826

Investigation on Evaporation Velocity of Simple
Metal Oxides Heated by Electric Current, by N. N.
VoronoV, A. S. Danilin, I. T. Kovalev.

RUSSIAN, papers, Thermodynamics of Nuclear Materials,
Symposium, Vienna, May 21-25, 1962.

*AEC

Sci - Chem
Jul 62

Young Pilots Prepare for Night Missions, by
P. P. Voronov, B. I. Petrovskiy, 7 p.

RUSSIAN, par, Vest Voz Flota, No 7, 1959,
pp 53-58. 652066

ATIC

USSR

MI1

Feb 60

106,664

THE PROBLEM OF THE ANTARCTIC, OF
Antarctica and Greenland, by P. S. VIKHOREV,
I. G. Kiselev, 9 pp.
RUSSIAN, pos. Problemy Antarktika i Antarktika,
No 12, 1963, pp 5-13.
DTA 11600003/65

DECS
Geog
Mar 65

277,016

Structural Diagram of Antarctica, by P. S.
Voronov, 5 pp.

RUSSIAN, per, Informat Byull Ak Nauk SSSR
Kompleksnaya Anarticheskaya Ekspeditsiya, 1958,
pp 21-25.

SLA 59-15543

Sci
Jan 60
Vol 2, No 7

104,829

Late Precambrian Deposits of the Amundsen and Sandidan
Mountains on Queen Mary Land, Eastern Antarctic, by
by P.S. Voronov, L.V. Klimov, M.G. Ravich, 12 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geolog, No 3,
1959, pp 3-18.

Amer Geolog Soc

135,180

Sci
Dec 60

The experimental investigation of double-beam
electron-wave systems, by G. A. Bernashevskiy,
P. S. Voronov, T. I. Iziumova, 8 pp.

RUSSIAN, per, Radiotekh i Elektron, Vol IV, No 9,
1959, pp 1668-1669.

PP

Sci

Feb 61

144,065

S-1600

(DC-2632).

New Data on the Geomorphology of Eastern
Antarctica, by P. S. Voronov, ⁵/₈ pp.

RUSSIAN, per, Nauch Dok Vyshey Shkoly, Geol-
Geograf Nauk, No 3, Jul-Sep 1958, pp 51-54.

US JPRS-651-D

Sci - Geophysics
Jun 59

89,423

Leading problems in the Structure
of the Antarctic, by P. S. Voronov.

RUSSIAN, per, Informat Byull Sovet
Antarkticheskaya Ekspeditsiya, No 2, 1958,
pp 17-20.

Univ of Wisconsin
(REF)

113, 901

Sci - Geophys
Apr 60